

AMENDMENT TO THE CLAIMS:**Claims pending**

- At time of the Action: Claims 13, 29, 45 and 49-53.
- After this Response: Claims 13, 29, 45 and 49.

Canceled or Withdrawn claims: 50-53.**Amended claims:** Claims 13, 29, and 45.**New claims:** None.

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-12 (canceled)

Claim 13 (currently amended): A method for encoding a motion video signal, the method comprising:

comparing first and second frames of the motion video signal to one another to determine a[[n]] current absolute pixel difference between the first and second frames;

determining, based at least in part on ~~the absolute pixel difference~~ comparing the current absolute pixel difference to a filtered previous absolute pixel difference, whether the second frame represents a scene change in a motion

1 video image represented by the motion video image;

2 encoding the second frame as an independent frame upon a condition in
3 which the second frame represents the scene change in the motion video image;
4 and

5 encoding the second frame as a motion-compensated frame upon a
6 condition in which the second frame does not represent the scene change in the
7 motion video image.
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10 Claims 14-28 (canceled)

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12 Claim 29 (currently amended): A computer readable medium useful in
13 association with a computer which includes a processor and a memory, the
14 computer readable medium including computer instructions which are configured
15 to cause the computer to encode a motion video signal by performing the steps of:
16
17 comparing first and second frames of the motion video signal to one another
18 to determine a[[n]] current absolute pixel difference between the first and second
19 frames;

20 determining, based at least in part on ~~the absolute pixel difference~~
21 comparing the current absolute pixel difference to a filtered previous absolute
22 pixel difference, whether the second ~~frame~~ frame represents a scene change in a
23 motion video image represented by the motion video image;
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1 encoding the second frame as an independent frame upon a condition in
2 which the second frame represents the scene change in the motion video image;

3 and

4 encoding the second frame as a motion-compensated frame upon a
5 condition in which the second frame does not represent the scene change in the
6 motion video image.

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9 Claims 30-44 (canceled)

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11 Claim 45 (currently amended): A computer system comprising:

12 a processor;

13 a memory operatively coupled to the processor; and

14 a motion video signal encoder which executes in the processor from the
15 memory and which, when executed by the processor, causes the computer system
16 to encode a motion video signal by performing the steps of:

17
18 comparing first and second frames of the motion video signal to one
19 another to determine a[[n]] current absolute pixel difference between the
20 first and second frames;

21
22 determining, based at least in part on ~~the absolute pixel difference~~
23 comparing the current absolute pixel difference to a filtered previous
24 absolute pixel difference, whether the second frame represents a scene
25

change in a motion video image represented by the motion video image;

encoding the second frame as an independent frame upon a condition in which the second frame represents the scene change in the motion video image; and

encoding the second frame as a motion-compensated frame upon a condition in which the second frame does not represent the scene change in the motion video image.

Claims 46-48 (canceled)

Claim 49 (previously presented): A computer readable medium comprising instructions which, when executed by a computer, performs the method of Claim 13.

Claim 50-53 (cancelled).